

**R307. Environmental Quality, Air Quality.**

**R307-305. Nonattainment and Maintenance Areas for PM10:**

**Emission Standards.**

**R307-305-1. Purpose.**

This rule establishes emission standards and work practices for sources located in PM10 nonattainment and maintenance areas to meet the reasonably available control measures requirement in section 189(a)(1)(C) of the Act.

**R307-305-2. Applicability.**

The requirements of R307-305 apply to the owner or operator of any source that is listed in Section IX, Part H of the state implementation plan or located in a PM10 nonattainment or maintenance area.

**R307-305-3. Visible Emissions.**

(1) Visible emissions from existing installations except diesel engines shall be of a shade or density no darker than 20% opacity. Visible emissions shall be measured using EPA Method 9.

(2) No owner or operator of a gasoline engine or vehicle shall allow, cause or permit the emissions of visible contaminants.

(3) Emissions from diesel engines, except locomotives, shall be of a shade or density no darker than 20% opacity, except for starting motion no farther than 100 yards or for stationary operation not exceeding three minutes in any hour.

(4) Visible emissions may exceed the opacity standards for short time periods as the result of initial warm-up, soot blowing, cleaning of grates, building of boiler fires, cooling, etc., caused by start-up or shutdown of a facility, installation or operation, or unavoidable combustion irregularities that do not exceed three minutes in length, provided that the executive secretary does not find that inadequate control technology has been applied. Unavoidable combustion irregularities that exceed three minutes in length must be addressed in accordance with R307-107. The owner or operator shall minimize visible and non-visible emissions during start-up or shutdown of a facility, installation, or operation through the use of adequate control technology and proper procedures.

**R307-305-4. Particulate Emission Limitations and Operating Parameters (PM10).**

Any source with emission limits included in Section IX, Part H, of the Utah state implementation plan shall comply with those emission limitations and operating parameters. Specific limitations will be set by the executive secretary, through an approval order issued under R307-401, for installations within a

1 source that do not have limitations specified in the state  
2 implementation plan.

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4 **R307-305-5. Compliance Testing (PM10).**

5 Compliance testing for PM10, sulfur dioxide, and oxides of  
6 nitrogen emission limitations shall be done in accordance with  
7 Section IX, Part H of the state implementation plan. PM10  
8 compliance shall be determined from the results of EPA test  
9 method 201 or 201a. A backhalf analysis shall be performed for  
10 inventory purposes for each PM10 compliance test in accordance  
11 with ~~[a method approved by the executive secretary.]~~ Method 202,  
12 or other appropriate EPA approved reference method.

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14 **R307-305-6. Automobile Emission Control Devices.**

15 Any person owning or operating any motor vehicle or motor  
16 vehicle engine registered in the State of Utah on which is  
17 installed or incorporated a system or device for the control of  
18 crankcase emissions or exhaust emissions in compliance with the  
19 Federal motor vehicle rules, shall maintain the system or device  
20 in operable condition and shall use it at all times that the  
21 motor vehicle or motor vehicle engine is operated. No person  
22 shall remove or make inoperable within the State of Utah the  
23 system or device or any part thereof, except for the purpose of  
24 installing another system or device, or part thereof, which is  
25 equally or more effective in reducing emissions from the vehicle  
26 to the atmosphere.

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28 **R307-305-7. Compliance Schedule for New Nonattainment Areas.**

29 The provisions of R307-305 shall apply to the owner or  
30 operator of a source that is located in any new PM10  
31 nonattainment area 180 days after the area is officially  
32 designated a nonattainment area for PM10 by the Environmental  
33 Protection Agency. Provisions of R307-201 shall continue to  
34 apply to the owner or operator of a source during this  
35 transition period.

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37 **KEY: air pollution, particulate matter, PM10, PM 2.5**  
38 **2005 19-2-104 (1)(a)**  
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